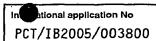
INTERNATIONAL SEARCH REPORT



A. CLASSI INV.	FICATION OF SUBJECT MATTER F02D13/02 F02D41/40 F02D35/0	02 F02D35/00							
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)									
F02D									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-Internal									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category*	Citation of document, with indication, where appropriate, of the rel	evant passages	Relevant to daim No.						
А	US 6 266 957 B1 (NOZAWA MASAEI ET 31 July 2001 (2001-07-31) column 1, line 46 - column 2, lin figure 5	1,7							
А	EP 1 167 734 A (NISSAN MOTOR CO., 2 January 2002 (2002-01-02) paragraphs [0011] - [0013]; figur	1,7							
А	US 5 293 741 A (KASHIYAMA ET AL) 15 March 1994 (1994-03-15) column 1, line 37 - column 2, lin figure 6	1,7							
А	US 2002/062800 A1 (SHIMIZU HIROKA 30 May 2002 (2002-05-30) paragraphs [0007] - [0010]; figur	1,7							
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Further documents are listed in the continuation of Box C. X See patent family annex.									
*A' document defining the general state of the art which is not considered to be of particular relevance To later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the									
"E" earlier document but published on or after the international filling date invention "X" document of particular relevance; the claimed invention cannot be considered to									
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *L* document which may throw doubts on priority claim(s) or involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone with one or more other involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone with one cannot be considered to involve an inventive step when the document is taken alone.									
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tater than the priority date claimed '&' document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report									
1	1 April 2006	19/04/2006							
Name and	mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer							
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In ational application No
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